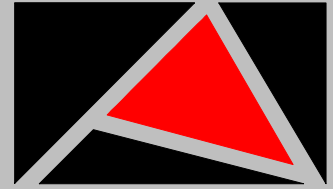


# ALPHA ASSOCIATES, INC.

ALPHA - MARITEX  
STYLE 1675/9480 AMA PS

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## DESCRIPTION

Alpha Style 1675/9480 AMA PS is a lamination of lightweight fiberglass fabric and aluminum foil. It is especially suitable as a high-temperature, heat reflective fabric where weight is an important design consideration. This product is coated with a high performance pressure sensitive adhesive.

## APPLICATIONS

Alpha Style 1675/9480 AMA PS is used in the automotive and aircraft industries for insulation facings and radiant heat shields. This product is typically used in seam and patch tape applications.

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## PROPERTY DATA STYLE 1675/9480 AMA PS

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<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	6.4 oz/sy $\pm$ 10%	217.6 g/m <sup>2</sup> $\pm$ 10%
THICKNESS	ASTM-D-1777-96	0.007" $\pm$ 0.001"	0.177 mm $\pm$ .025 mm
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 50 lbs./inch Fill- 40 lbs/inch	8.93 kg/cm 7.14 kg/cm
TEAR STRENGTH	ASTM-D-1424-96	Warp- 42.33 oz. Fill- 42.33 oz.	1200 gms. 1200 gms.
MULLEN BURST	ASTM-D-3786-87	200 psi	14 kg/cm <sup>2</sup>
FLAME RESISTANCE	FED 191/5903.2	Char Length 0.5 inch max. Afterglow 2 second max. Flame Out 1 second max.	1.27 cm max. 2 second max. 1 second max.
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	300 °F max.	149 °C max.
BASE FABRIC and WEAVE		Fiberglass/Plain Weave	
COLOR and COATING		Aluminum Foil	
ADHESION	PSTC1	3.0 lbs min.	1.36 kg

\* Reference Method FED STD 191/5903.1

DATA SHEET 13680 REV A DATE: 10/03/01 \* All values are nominal unless otherwise specified.

### **Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications**

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